



PEBOlen

LDPE 1410

COMPOSITION: LOW DENSITY POLYETHYLENE
COLOR: black
APPLICATION: irrigation smooth pipes

PROPERTY	UNIT	VALUE	TEST METHOD
MELT FLOW RATE*			
190°C - 2.16 kg	g/10 min	0.25 - 0.65	ISO 1133
190°C - 5 kg	g/10 min	1 - 2.5	ISO 1133
VOLUMETRIC MASS*	g/cm ³	0.925 - 0.938	ISO 1183
MELTING POINT	°C	110 - 113	DSC
CARBON BLACK*	%	2 - 2.5%	ISO 6964
TENSILE STRAIN AT BREAK	%	> 200	ISO 527-1:2012
TENSILE STRENGTH AT BREAK	Mpa	10 - 18	ISO 527-1:2012
O.I.T. 200°C*	minutes	-----	ISO 11357-6
HUMIDITY	ppm	< 600	Karl Fischer
SMELL	typical regenerated materials smell more or less intense depending on the batch		
OTHER POLYMERS	%	PP < 4 %	DSC
ASH, METALS	slight traces in the formulations of the original products		
PACKAGING	approx 1200 kg big bag		

Product Notes:

Produced with post-industrial and post-consumer recycled materials, added with carbon black, which increases its UV resistance. Not suitable for food contact.

All the information contained in this sheet is purely indicative; therefore, it is advisable to always contact the company for requests, particular uses and different and / or customized formulations.

* these parameters can be changed according to customers requests.